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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,887	07/29/2003	Brian Broussard	DB000974-001	5568
24122	7590	04/26/2005	EXAMINER	
THORP REED & ARMSTRONG, LLP ONE OXFORD CENTRE 301 GRANT STREET, 14TH FLOOR PITTSBURGH, PA 15219-1425			TRAN, KHOI H	
			ART UNIT	PAPER NUMBER
			3651	

DATE MAILED: 04/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/629,887	BROUSSARD ET AL.
	Examiner Khoi H Tran	Art Unit 3651

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 24 January 2005.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-45 is/are pending in the application.
 - 4a) Of the above claim(s) 8,9,23 and 24 is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-7,17-22,25-28,30-32,36,38-42 and 44 is/are rejected.
- 7) Claim(s) 10-16,29,34,35,37 and 45 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.



KHOI H. TRAN
PRIMARY EXAMINER

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1/1/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Group I, Species I, claims 1-7, 9-22, and 24-45, in the reply filed on 01/24/2005 is acknowledged.

Claims 9 and 24 have also been withdrawn as being directed to non-elected Species IV.

2. The amendment filed 010/17/2003 is objected to under 35 U.S.C. 132 because it introduces new matter into the disclosure. 35 U.S.C. 132 states that no amendment shall introduce new matter into the disclosure of the invention. The added material which is not supported by the original disclosure is as follows:

Page 2, paragraph [0047], line 15, the specific shape of the RF device;

Page 2, paragraph [088], lines 6-8 and 10-12;

Page 3, paragraph [0099], the last five lines starting with "By using...";

Page 3, paragraph [0099], the entire paragraph describing Figure 21A;

Amended Figure 21A filed on 10/17/2003.

Applicant is required to cancel the new matter in the reply to this Office Action.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application

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by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 1, 4-7, 17, 20-22, 25-28, 30-32, 36, and 44 are rejected under 35 U.S.C. 102(e) as being anticipated by Culbert 6,377,648.

In regards to claims 1 and 4-7, Culbert '648 discloses a device per claimed invention. The device comprises a device a housing and a lower plurality of blades 30/40/50 (Figure 2) cooperating to define an exit aperture from said housing. The lower plurality of blades carried within the housing in a movable manner with respect to one another so as to enable the size of said exit aperture to be varied for singulating articles falling through said exit aperture. The device comprises a metering device 30 for controlling an entry aperture into the housing. The center of the entry aperture and a center of the exit aperture are offset from one another. The device comprises a separation device that includes a guide 46.

In regards to claim 17, Culbert '648 discloses a singulating device per claimed invention. The device comprises a housing having an entry aperture and an exit aperture, a metering device 30 carried by said housing and controlling said entry aperture. The device comprises a lower blade 50 carried within said housing and set off

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from said upper metering device to define a chamber there between, said lower blade controlling the exit aperture. The device comprises a metering device 30 for controlling an entry aperture into the housing. The center of the entry aperture and a center of the exit aperture are offset from one another. The device comprises a separation device that includes a guide 46.

In regards to claim 25, Culbert '648 rotors 40 and 50 constitute the lower blades.

In regards to claim 26, Culbert '648 rotors 30 and 40 constitute the upper blades.

In regards to claim 32, Culbert '648 rotor comprises friction-increasing material for the entire assembly.

In regards to claim 36, Culbert '648 element 20 constitutes a container.

5. Claims 17, 20-22, and 44 are rejected under 35 U.S.C. 102(b) as being anticipated by Benarrouch 5,549,217.

Benarrouch '217 discloses a singulating device per claimed invention. The device comprises a housing having an entry aperture and an exit aperture, a metering device (top blades 3, Figures 9-14) carried by said housing and controlling said entry aperture. The device comprises a lower blade (lowest blade 3, Figures 9-14) carried within said housing and set off from said upper metering device to define a chamber there between, said lower blade controlling the exit aperture. The device comprises a metering device for controlling an entry aperture into the housing. The center of the entry aperture and a center of the exit aperture are offset from one another. The device comprises a separation device that includes a guide channel.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 2, 3, 18, 19, 38-42 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Culbert 6,377,648 in view of Bartur 6,263,259.

Culbert discloses all elements per claimed invention as explained in paragraph 4 above.

However, it is silent as to the specifics of the RFID tag carried by the device.

Bartur '259 discloses a singulating device for prescriptions. The device comprises unique RFID tag. The device comprises a memory device for storing information. The information includes a bit that is set to a first state when an article storage container is connected to the device and is set to a second state when the article storage container is detached from the device. Bartur '259 teaches that RFID tag provides remote monitoring and inventorying for the device. Bartur '259 also shows of the commonly well known memory for storing information.

In regards to claim 2, 3, 18, and 19, it would have been obvious for a person with ordinary skill in the art, at the time the invention was made, to have provided Culbert '648 device with RFID tag because it facilitates remote monitoring and inventorying for the device, as taught by Bartur '259.

In regards to claim 38, 39, 40, and 41, it would have been obvious for a person with ordinary skill in the art, at the time the invention was made, to have provided to

Culbert '648 device with a commonly well known memory because it facilitates the storing of information, as shown by Bartur '259.

In regards to claim 42, Bartur '259 implicitly includes a clock for timely dispensing procedures.

Allowable Subject Matter

8. Claims 10-16, 29, 34, 35, 37, and 45 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

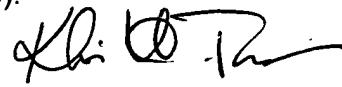
9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khoi H Tran whose telephone number is (571) 272-6919. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen Lillis can be reached on (571) 272-6607. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Khoi H Tran
Primary Examiner
Art Unit 3651

KHT
04/11/2005